

13 the embedded processor further being programmable to send the
14 manageability information to the media access controller for
15 transmission over the computer network;
16 whereby the chip performs network management functions
17 independent of the host processor.

1 23. (Amended) A system comprising:
2 a computer network;
3 a network device including a host processor and a chip, the chip
4 including
5 a media access controller coupled to the computer network,
6 and
7 an embedded processor coupled to the media access
8 controller and programmed to function as an HTTP manageability web
9 server; and
10 a network manager coupled to the computer network, the network
11 manager including a web browser and a plurality of HTML files for
12 instructing the network manager to communicate with the embedded
13 processor in the network device and perform network management of the
14 network device;
15 whereby the embedded processor can communicate with the
16 network manager independent of the host processor.

1 31. (Amended) A method of managing a network device including
2 a host processor, an I²C bus, and an I²C-compliant device coupled to the
3 I²C bus, the method comprising the steps of:

4 using [the] a media access [control] controller to receive network
5 manageability information requests from [the] a computer network, the
6 media access controller communicating with the computer network
7 independent of the host processor and the I²C-compliant device;
8 in response to received requests about the I²C -compliant device,
9 using the I²C bus to obtain network manageability information about the
10 I²C-compliant device connected to the I²C bus; and
11 using the media access controller to place the manageability
12 information on the computer network.

1 33. (Amended) The method of claim 31, further comprising the step
2 of using the media access controller to receive control requests on the
3 computer network; and using the I²C bus to control the I²C-compliant
4 device in response to the control requests.
